

ABSTRACT OF THE DISCLOSURE

A developing device for developing an electrostatic latent image formed on an electrophotographic photosensitive member, the

5 developing device being usable with a main assembly of an electrophotographic image forming apparatus, the developing device includes a developing member for supplying a developer to the electrophotographic photosensitive member for developing the electrostatic

10 latent image formed on the electrophotographic photosensitive member; a first electrode provided opposed to developing member; a second electrode disposed such that at least a lower end thereof takes a position lower than the first electrode when the

15 developing device is mounted to the main assembly of the electrophotographic image forming apparatus; wherein an electric signal is generated in accordance with an electrostatic capacity between the first electrode and second electrode when the first

20 electrode or second electrode is supplied with a voltage from the main assembly of the electrophotographic image forming apparatus, and is measured by the main assembly of the electrophotographic image forming apparatus to detect

25 a remaining amount of the developer.